EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	aminobenzenesulfonic acid derivative.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 17:20

8/8/2007 5:29:38 PM C:\Documents and Settings\msznaidman\My Documents\EAST\Workspaces\10525980.wsp

Page 1

Welcome to STN International! Enter x:x

LOGINID:SSPTAMLS1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS
         MAY 01
                 New CAS web site launched
NEWS
NEWS
         80 YAM
                 CA/CAplus Indian patent publication number format defined
      3
         MAY 14
                 RDISCLOSURE on STN Easy enhanced with new search and display
NEWS
      4
                 fields
        MAY 21
                 BIOSIS reloaded and enhanced with archival data
NEWS
     5
         MAY 21
NEWS
      6
                 TOXCENTER enhanced with BIOSIS reload
         MAY 21
      7
NEWS
                 CA/CAplus enhanced with additional kind codes for German
NEWS
    8
         MAY 22
                 CA/CAplus enhanced with IPC reclassification in Japanese
NEWS
     9
         JUN 27
                 CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 10
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                 STN Viewer now available
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         JUN 29
                 STN Express, Version 8.2, now available
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         JUL 02
                 LEMBASE coverage updated
NEWS 13
         JUL 02
                 LMEDLINE coverage updated
NEWS 14
         JUL 02
                 SCISEARCH enhanced with complete author names
         JUL 02
                 CHEMCATS accession numbers revised
NEWS 15
         JUL 02
                 CA/CAplus enhanced with utility model patents from China
NEWS 16
NEWS 17
         JUL 16
                 CAplus enhanced with French and German abstracts
NEWS 18
         JUL 18
                 CA/CAplus patent coverage enhanced
                 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 19
         JUL 26
NEWS 20
         JUL 30
                 USGENE now available on STN
NEWS 21
         AUG 06
                 CAS REGISTRY enhanced with new experimental property tags
NEWS 22
         AUG 06
                 BEILSTEIN updated with new compounds
NEWS 23
         AUG 06
                 FSTA enhanced with new thesaurus edition
NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.
              STN Operating Hours Plus Help Desk Availability
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              Welcome Banner and News Items
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SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 7 AUG 2007 HIGHEST RN 944239-85-4 DICTIONARY FILE UPDATES: 7 AUG 2007 HIGHEST RN 944239-85-4

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10525980b.str

chain nodes :

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

 $1-22 \quad 2-21 \quad 3-19 \quad 4-20 \quad 5-7 \quad 6-14 \quad 8-23 \quad 8-24 \quad 9-25 \quad 9-26 \quad 10-13 \quad 11-27 \quad 11-28$

12-29 12-30 14-15 14-16 14-17 17-18

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

5-7 6-14 7-8 7-12 8-9 9-10 10-11 11-12 14-15 14-16 14-17

exact bonds :

 $1-22 \quad 2-21 \quad 3-19 \quad 4-20 \quad 8-23 \quad 8-24 \quad 9-25 \quad 9-26 \quad 10-13 \quad 11-27 \quad 11-28 \quad 12-29 \quad 12-30$

17-18

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS

L1 STRUCTURE UPLOADED

=> S L1 full

FULL SEARCH INITIATED 16:59:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 232 TO ITERATE

100.0% PROCESSED 232 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

=> D L2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 460038-26-0 REGISTRY

ED Entered STN: 09 Oct 2002

CN Benzenesulfonic acid, 2-(1-piperazinyl)- (9CI) (CA INDEX NAME)

MF C10 H14 N2 O3 S

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> File Caplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 174.95 175.16

FULL ESTIMATED COST

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=> S L2

L3 4 L2

=> D L2 1-4 IBIB ABS

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REG - RN

SAM - Index Name, MF, and structure - no RN FIDE - All substance data, except sequence data

IDE - FIDE, but only 50 names SQIDE - IDE, plus sequence data

SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used

SQD - Protein sequence data, includes RN

SQD3 - Same as SQD, but 3-letter amino acid codes are used

SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties EPROP - Table of experimental properties

PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract

APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data

CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)

IND -- Index Data

IPC -- International Patent Classification

PATS -- PI, SO

STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels

IBIB -- BIB, indented, with text labels

ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when

it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

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HELP DFIELDS -- To see a complete list of individual display fields. HELP FORMATS -- To see detailed descriptions of the predefined formats. ENTER DISPLAY FORMAT (IDE):IDE

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 460038-26-0 REGISTRY

ED Entered STN: 09 Oct 2002

CN Benzenesulfonic acid, 2-(1-piperazinyl)- (9CI) (CA INDEX NAME)

MF C10 H14 N2 O3 S

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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4 460038-26-0 0 460038-26-0D

L4 4 460038-26-0/RN

(460038-26-0 (NOTL) 460038-26-0D)

=> D L4 1-4 IBIB ABS

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1004562 CAPLUS

DOCUMENT NUMBER: 143:260375

TITLE: Medicine for prevention and/or treatment of ischemic

circulatory disease

INVENTOR(S): Tatsuno, Jun

PATENT ASSIGNEE(S): Mitsubishi Pharma Corporation, Japan

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIND DATE					APPL	DATE						
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		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	J₽,	KE,	KG,	ΚP,	KR,	ΚZ,	LC,
		LK.	LR.	LS.	LT.	LU.	LV.	MA.	MD.	MG.	MK.	MN.	MW.	MX.	MZ.	NA.	NI.

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NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
             SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
     CA 2557262
                          A1
                                 20050915
                                             CA 2005-2557262
                                                                     20050304
     EP 1723955
                                 20061122
                                             EP 2005-719994
                                                                     20050304
                          A1
             AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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     CN 1946396
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                                 20070411
                                             CN 2005-80007000
                                                                    20050304
PRIORITY APPLN. INFO.:
                                             JP 2004-63167
                                                                    20040305
                                             WO 2005-JP3722
                                                                    20050304
                         MARPAT 143:260375
OTHER SOURCE(S):
GI
```

$$R1$$
 $N-R2$
 $N-R2$
 N
 $N-R2$
 $N-R2$
 $N-R2$

AB A medicine for the prevention and/or treatment of ischemic circulatory diseases which contains as an active ingredient a compound which is an aminobenzenesulfonic acid derivative represented by the general formula I (R1 = H, C1-6 alkyl, C3-7 cycloalkyl etc.; R2 = H, C1-6 alkyl, cyano, nitro, C1-6 alkoxy, and halogen etc.; n = 1-4), a salt of the derivative, or a hydrate or solvate of either. It is characterized by being administered to a patient who undergoes percutaneous coronary intervention.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

2004:220320 CAPLUS

DOCUMENT NUMBER:

140:247067

TITLE:

Protective agents for transplanted organ .

INVENTOR(S):

Wakatsuki, Daisuke; Watanabe, Mayumi; Satou, Naoya

PATENT ASSIGNEE(S):

Mitsubishi Pharma Corporation, Japan

SOURCE:

PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

Japanese

1

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT 1	. 00			KIND DATE					APPL	ICAT		DATE				
WO 2004		A1 20040318				1	WO 2	 003 <i>-</i> :		20030905						
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	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KΕ,	KG,	ΚP,	KR,	KZ,	LC,	LK,	LR,
	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,	NZ,	OM,
	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	ΤJ,	TM,	TN,
	TR,	TT,	TZ,	UA,	ŪĠ,	US,	UZ,	VC,	VN,	ΥU,	ZA,	ZM,	ZW			
RW:	GH,	GM,	KΕ,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	ŪĠ,	ZM,	ZW,	AM,	ΑZ,	BY,
	KG,	KZ,	MD,	RU,	ТJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,
	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	TR,
	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	ΝĒ,	SN,	TD,	TG

AU 2003261968 A1 20040329 AU 2003-261968 PRIORITY APPLN. INFO.: JP 2002-261835 WO 2003-JP11372

OTHER SOURCE(S):

MARPAT 140:247067

GI

AB It is intended to provide a novel protective agent for a transplanted organ and an agent of inhibiting ischemic reperfusion injury following organ transplantation which contain as the active ingredient an aminobenzenesulfonic acid derivative represented by the following general formula I (R1 = H, C1-6 alkyl, C3-7 cycloalkyl, C1-4 haloalkyl, halogeno or C6-12 aryl; R2 = H, C1-6 alkyl or C7-12 aralkyl optionally having one or more substituents selected from the group consisting of cyano, nitro, C1-6 alkoxy, halogeno, C1-6 alkyl and amino; and n is an integer of from 1 to 4), its salt or a hydrate or a solvent of the same.

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

20030905

A 20020906

W 20030905

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

8

ACCESSION NUMBER:

2004:203671 CAPLUS

DOCUMENT NUMBER:

140:229448

TITLE:

Inhibitors for excessive accumulation of sodium ion in

cells

INVENTOR(S):

Satou, Naoya

PATENT ASSIGNEE(S):

Mitsubishi Pharma Corporation, Japan

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

LANGUAGE:

Patent Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA'	KIND DATE			1	ICAT:	DATE											
WO	WO 2004019946			A1 20040311			Ī	WO 2	 003 <i>-</i> -	JP11	20030829						
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PRIORITY APPLN. INFO.:										JP 2	002-2	25574	16	7	A 20	0020	830
									I	WO 2	003-3	JP11(010	V	V 20	0030	829

OTHER SOURCE(S):

MARPAT 140:229448

GI

AB An inhibitor for the excessive accumulation of sodium ion in cells and a remedy and/or a preventive for heart disorders accompanying a heart surgery comprising, as the active ingredient, an aminobenzenesulfonic acid derivative represented by the following general formula I (R1 = H, C1-C6 alkyl, C3-C7 cycloalkyl, halogen etc.; R2 = H, C1-C6 alkyl, cyano, nitro, halogen etc.; n = 1-4), its salt or a hydrate or a solvent thereof.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:716088 CAPLUS

DOCUMENT NUMBER: 137:242174

TITLE: Remedies and/or preventives for diabetic ischemic

heart diseases

INVENTOR(S): Kitada, Yoshimi; Satoh, Naoya

PATENT ASSIGNEE(S): Mitsubishi Pharma Corporation, Japan

SOURCE: PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.							KIND DATE				APPL	ICAT	ION :	DATE					
	WO 2002072097						A1 20020919			,	 WO 2	002-	JP22		20020312				
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	ΕP	1374	868			A1 20040102					EP 2	002-	7028	93		20020312			
		R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙT,	LI,	LU,	NL,	SE,	MC,	PT,	
			ΙE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR							
	CN	1496	261			Α		2004	0512	(CN 2	002-	8064	60		20	0020	312	
	US	2005	1246	32		A1		2005	0609	1	US 2	003-	4716	59		20	0020	312	
PRIOR	(TI	APP	LN.	INFO	. :						JP 2	001-	6955	2	7	A 20	010	313	
										JP 2001-69553					7	A 20	010	313	
										1	WO 2	002-	JP22	85	ī	V . 20	0020	312	
AMILIAN		TDOT	101			MADDAD 127.242174													

OTHER SOURCE(S): MARPAT 137:242174

GI

$$N$$
 $N-R^2$
 $(CH_2)_n$
 SO_3H
 I

AB Remedies and/or preventives for heart failure or arrhythmia in diabetic ischemic heart diseases which contain, as the active ingredient, amino-benzenesulfonic acid derivs. represented by the following general formula I (R1, R2 = H, etc.; and n = 1 to 4), salts thereof or hydrates or solvates of the same; and remedies and/or preventives for diabetic ischemic heart diseases characterized by ameliorating disorders in heart functions in diabetic ischemic heart diseases.

REFERENCE COUNT:

THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D HIS

(FILE 'HOME' ENTERED AT 16:58:18 ON 08 AUG 2007)

FILE 'REGISTRY' ENTERED AT 16:58:42 ON 08 AUG 2007

STRUCTURE UPLOADED

L2 1 S L1 FULL

FILE 'CAPLUS' ENTERED AT 17:00:31 ON 08 AUG 2007

L3 4 S L2

FILE 'REGISTRY' ENTERED AT 17:01:35 ON 08 AUG 2007

FILE 'CAPLUS' ENTERED AT 17:01:45 ON 08 AUG 2007

L4 4 S 460038-26-0/RN

=>

L1